



## AGENDA ITEM

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**Meeting Name:** Town Council Meeting

**Meeting Date:** January 28, 2026

**Prepared By:** Steven J. Hallock, Director of Public Works

**Item Title:** Juno Ocean Walk RV Park Drainage

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### DISCUSSION:

Juno Ocean Walk RV Park, formerly known as "Juno Beach RV Park" and prior to that "Yogi by the Sea," is a prominent and large RV Park that was carved out of palmetto scrub in the Ocean Terrace area in the early 1980s. Located on the coastal ridge west of U.S. 1 in Juno Beach, the RV Park was created as part of the area's transition from the 1950s-80s "Motel Era".

In 1994 the Town of Juno Beach annexed the unincorporated territory generally known as Juno Beach RV Park into the Town of Juno Beach via Ordinance No. 446. In the *Annexation Report for Juno Beach RV Park*, it specifically notes that the Juno Beach RV Park retains its drainage on site through private storm sewer lines which outfall on site into retention lakes. It also notes that the streets within the Juno Beach RV Park are privately owned and maintained, as is the entrance drive west of US Hwy 1 leading to Juno Beach RV Park.

In April 1997, the Town Engineer reviewed the Juno Beach RV Park Drainage concerns with the Town Council. He asked for the Town Council's input on whether the Town of Juno Beach or the Northern Palm Beach County Improvement District (Northern) should administer a drainage project. The mayor asked the Town Engineer when he could submit the Town's request for Northern, and the Town Engineer said his report addressing such questions will be completed by September of 1997.

In September 1997 the *Juno Beach RV Park Drainage Study Phase II* was completed. This report resulted in the Northern Palm Beach County Improvement District (Northern) taking over the stormwater project with property owner support. The report also concluded "*the most feasible means of improving the flooding condition at the RV Park appears to be the construction of two stormwater pumping stations, one at each of the two RV Park lakes, with a pipeline to the Intracoastal Waterway.*"

The annexation of the Juno Beach RV Park into Northern's jurisdictional boundaries was approved by the Governor on June 7, 2000, and Unit of Development No. 48 was formed on March 27, 2002. The *Conceptual Stormwater Improvements Report* was prepared by Craven, Thompson & Associates in December 2002. This

Report identified ten (10) drainage improvement alternates, and drainage improvement alternate #2 was decided on:

2. *Drainage Wells: Install gravity drainage wells to provide a bleed-down mechanism after storms.*
  - *Cost: \$40,000 per well; \$15,000 per test well.*
  - *Pros: On-site solution; simple design; cost-effective; no power/operation costs.*
  - *Cons: Unknown capacity without a test well; multiple wells may be needed; long-term maintenance costs.*

The test injection well was constructed in January 2004. However, it failed testing and this alternative is not viable. In June 2004 Juno Beach RV Park notified Northern they no longer wanted to participate in these drainage improvement efforts and would prefer to directly address their current drainage issues themselves, independent of Northern. Northern agreed, the finances were settled, and the partnership dissolved.

The *Town of Juno Beach Stormwater Management Plan* was prepared by AECOM in July 2009. One of the projects identified in this plan was Juno Ocean Walk, which extends westward from US Highway 1 for 300 linear feet and slopes downhill to the west, ending at the RV Park. There are no existing drainage facilities serving Juno Ocean Walk. The drainage problems there include no existing drainage facilities, the grass area was not graded to store runoff, and the runoff flows down the street towards RV Park. The recommended solution was to install catch basins and exfiltration trenches to capture roadway runoff before it reaches the RV Park. The engineer's preliminary estimate of probable cost for drainage improvements was \$22,900 but never funded.

In 2013 The Town of Juno Beach issued *Permit 12-3149 P* to Juno Ocean Walk Condo Assoc., Inc. for stormwater management improvements, including a dry retention area and 120 linear feet of exfiltration trench. The purpose of this project was to provide the necessary mitigation required by the Town of Juno Beach to modify the minimum landscaping requirements for individual RV lots, allowing for a 5-foot-wide paver/path alongside setbacks, and improving overall drainage, flood protection, and providing water quality treatment for the RV Park. Certificate of completion was issued March 2013. This project improved RV Park stormwater drainage but by no means solved it entirely.

In December 2020 Director of Planning and Zoning Davila emailed Town Manager Lo Bello and Public Works Director Meriano with an update on what the surrounding properties have done or were doing to address the drainage concerns they all share. Please see email attached. It is important to note the current runoff toward the RV Park is historical and should have been addressed at the time of the RV Park construction. **As a result there are no code violations regarding water runoff into the RV park.**

In January 2022 a *Surface Water Management Report* was completed for Juno Ocean Walk RV Park by Civil Solutions, Inc. Being the most recent report, it is attached and provides a pretty good history of drainage conditions and past efforts. The one item relating most to the Town of Juno Beach:

#### *B. Juno Ocean Walk*

*The Town of Juno Beach 5-Year Capital Improvement Program includes the following: Juno Ocean Walk – Design and building exfiltration trench and French drains needed to capture and slow storm water storm water drainage from the roadway to minimize localized flooding. According to Juno Beach Public Works, \$35,000 has been budgeted for this project and the design phase is expected to begin in*

*2022. The design of drainage improvements for Juno Ocean Walk should include offsite discharges from U.S. Highway One.*

A review of the Town financial records does note \$35,000 budgeted in the FY 2021-2022 CIP. However, the final project scope turned out to be “Zenith/South Juno Lane Stormwater Improvements”. As a result, there was no funding for the Juno Ocean Walk stormwater drainage project. The last time the project was in the 5-Year CIP was FY 2018-2019 when \$25,000 was budgeted for “DRAINAGE – Juno Ocean Walk”. However, this funding was never expended.

Town staff met with FDOT Drainage Engineer, James Poole, P.E., at the Juno Ocean RV Park on January 16<sup>th</sup>. The idea to install an exfiltration trench on Juno Ocean Walk like the one constructed for the Juno Beach Condo was discussed as well as other items. They are investigating the alternative but it may not be viable.



Juno Beach Condo Exfiltration Trench

**RECOMMENDATION:**

Staff recommend that the Town of Juno Beach await a Florida Department of Transportation decision regarding installation of an exfiltration trench on Juno Ocean Walk/US1 and a decision by Juno Ocean Walk RV Park regarding options outlined for them in their 2022 Surface Water Management Report.